

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
3 November 2005 (03.11.2005)

PCT

(10) International Publication Number  
**WO 2005/102341 A2**

(51) International Patent Classification<sup>7</sup>: **A61K 31/495**

(21) International Application Number:  
PCT/US2004/031540

(22) International Filing Date:  
27 September 2004 (27.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/807,695 24 March 2004 (24.03.2004) US

(71) Applicant: **NILFORUSHAN, Ali** [US/US]; 1413 San Elijo Ave, Cardiff, CA 92007 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BEATTY, William, H.** [US/US]; 6335 Blanchard Road, La Mesa, CA 91942 (US).

(74) Agent: **LANDES, Jeffrey, E.**; Catalyst Law Group, 4330 La Jolla Village Drive, Suite 220, San Diego, CA 92122 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **ANIMAL COVER HAVING A TEMPERATURE ALTERING DEVICE**

(57) Abstract: A device useful for delivering a temperature altering regimen to a specific and defined location on an animal's body, and thus altering the temperature of an animal's body, or defined area thereof. It is desirable to alter the temperature of an animal's body for a variety of reasons, including: maintaining a desirable basal body temperature in an extreme climate; maintaining basal body temperature to treat an illness affecting said temperature; providing a temperature greater or lesser than basal temperature to muscle groups and/or joints to help with swelling and aching following a strenuous workout; providing a temperature greater or lesser than basal temperature to joints to assist with pain associated with swelling due to arthritis; and to lower the temperature of a body following a strenuous workout.

WO 2005/102341 A2